10/635,706

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August 5, 2003

IN THE CLAIMS

Please amend Claims 1-3, and add new Claims 4-31 as follows:

1. (Currently amended) In a full-duplex communications system having at least one node compliant with the P1394b standard, a method for determining and communicating the existence of a hybrid bus comprising the acts of:

determining whether [[the]] a node has a connection to a Legacy link layer;

if said node determines that it has a connection to a Legacy link layer, then transmitting a Self-ID packet without a Speed Code; and

if said node determines that it does not have a connection to a Legacy link layer, then transmitting a Self-ID packet without with a Speed Code.

2. (Currently amended) A computer readable medium containing instructions, that, when executed by a computer, determine and communicate the existence of a hybrid bus in a full-duplex communications system having at least one node compliant with the P1394b standard, by performing the acts of:

determining whether [[the]] a node has a connection to a Legacy link layer;

if said node determines that it has a connection to a Legacy link layer, then transmitting a Self-ID packet without a Speed Code; and

if said node determines that it does not have a connection to a Legacy link layer, then transmitting a Self-ID packet without with a Speed Code.

3. (Currently amended) A device containing instructions that, when executed by the device, determine and communicate the existence of a hybrid bus in a full-duplex communications system having at least one node compliant with the P1394b standard, by performing the acts of:

determining whether [[the]] a node has a connection to a Legacy link layer;

if said node determines that it has a connection to a Legacy link layer, then transmitting a Self-ID packet without a Speed Code; and

if said node determines that it does not have a connection to a Legacy link layer, then transmitting a Self-ID packet without with a Speed Code.

4. (New) The method of Claim 1, wherein the presence of said Self-ID packet without a Speed Code communicates to at least one remote node that either:

Application No. : 10/635,706 Filed : August 5, 2003

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- (1) said Self-ID packet passed through a Legacy link some where in the system; or
- (2) a Legacy link layer is present, thus indicating said hybrid bus.
- 5. (New) The method of Claim 4, further comprising setting a designated bit within logic in the node thereby storing an indication of said hybrid bus.
- 6. (New) The method of Claim 5, wherein said act of storing said indication of said hybrid bus is maintained until a bus reset.
- 7. (New) The method of Claim 4, further comprising storing in a variable an indication of the presence of said hybrid bus.
- 8. (New) The computer readable medium of Claim 2, wherein the presence of said Self-10 ID packet without a Speed Code communicates to at least one remote node that either:
 - (1) said Self-ID packet passed through a Legacy link some where in the system; or that
 - (2) a Legacy link layer is present, thus indicating said hybrid bus.
 - 9. (New) The computer readable medium of Claim 8, further comprising setting a designated bit within logic in the node thereby storing an indication of said hybrid bus.
 - 10. (New) The computer readable medium of Claim 9, wherein said act of storing said indication of said hybrid bus is maintained until a bus reset.
 - 11. (New) The computer readable medium of Claim 2, further comprising storing in a variable an indication of the presence of said hybrid bus based at least in part on the absence or presence of said Speed Code in said Self-ID packet.
 - 12. (New) The device of Claim 3, wherein the presence of said Self-ID packet without a Speed Code communicates to at least one remote node that either:
 - (1) said Self-ID packet passed through a Legacy link some where in the system; or
 - (2) a Legacy link layer is present, thus indicating said hybrid bus.
 - 13. (New) The device of Claim 12, further comprising setting a designated bit within logic in the node thereby storing an indication of said hybrid bus.
 - 14. (New) The device of Claim 13, wherein said act of storing said indication of said hybrid bus is maintained until a bus reset.
- 15. (New) The device of Claim 3, further comprising storing in a variable an indication of30 the presence of said hybrid bus based at least in part on the absence or presence of said SpeedCode in said Self-ID packet.

10/635,706

Filed

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August 5, 2003

16. (New) In a serial bus system having a plurality of nodes, a method for determining and communicating the existence of a hybrid bus comprising:

determining whether at least one node of said plurality of nodes has a connection to a legacy node and transmitting a self-identification packet without a speed designation if said at least one node has a connection to a legacy node; otherwise

transmitting a self-identification packet with a speed designation if there is no legacy node connection;

wherein said presence, or lack thereof, of said speed designation in said self-identification packet indicates to at least one other node the absence or presence, respectively, of a hybrid bus.

17. (New) A computer-readable storage device having a medium containing instructions that, when executed by a computing device in signal communication with a plurality of nodes, determines and communicates the existence of a hybrid bus in a serial bus communications system by performing the method comprising:

determining whether said computing device has a connection to a legacy node and transmitting a self-identification packet without a speed designation if said computing device has a connection to a legacy node; otherwise

transmitting a self-identification packet with a speed designation if there is no legacy node connection;

wherein said presence, or lack thereof, of said speed designation in said self-identification packet indicates to at least one other node the absence or presence, respectively, of a hybrid bus.

18. (New) A computer-readable storage device having a medium containing instructions that, when executed by the device in signal communication with a plurality of nodes, determines and communicates the existence of a hybrid bus in a serial bus communications system by performing the method comprising:

determining whether said device has a connection to a legacy node and transmitting a self-identification packet without a speed designation if said device has a connection to a legacy node; otherwise

transmitting a self-identification packet with a speed designation if there is no legacy node connection;

wherein said presence, or lack thereof, of said speed designation in said self-identification packet indicates to at least one other node the absence or presence, respectively, of a hybrid bus.

10/635,706

Filed

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August 5, 2003

19. (New) A computer-readable storage device having a medium comprising instructions that, when executed by the device in signal communication with a plurality of nodes, determines and communicates the existence of a hybrid bus in a serial bus communications system by performing the method comprising:

determining whether said device has a connection to a legacy node and transmitting a first packet without a speed designation if said device has a connection to a legacy node; otherwise

transmitting a second packet with a speed designation if there is no legacy node connection;

wherein said presence, or lack thereof, of said speed designation in said first and second packets indicates to at least one other node the absence or presence, respectively, of a hybrid bus.

- 20. (New) The device of Claim 19, further comprising the act of storing at said device a state of the hybrid bus.
- 21. (New) The device of Claim 20, wherein said act of storing comprises setting a designated bit within logic of said device.
- 22. (New) The device of Claim 21, wherein said designated bit is reset when said serial bus communications system is reset.
- 23. (New) The device of Claim 19, wherein said device and said at least one other node are compliant with the IEEE 1394b standard.
- 24. (New) A device in signal communication with a plurality of nodes, said device adapted to determine and communicate the existence of a hybrid bus in a serial bus communications system by performing the method, comprising:

determining whether said device has a connection to a legacy node via an identification process;

transmitting a first identification packet with a speed designation if there are no legacy node connections; and

transmitting a second identification packet without said speed designation if said device has a connection to a legacy node;

wherein said presence, or lack thereof, of said speed designation in said first or second identification packet indicates to at least one other node the absence or presence, respectively, of said hybrid bus.

10/635,706

Filed

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August 5, 2003

25. (New) The device of Claim 24, wherein said device is selected from the group consisting of:

- (1) an audio/video entertainment system; or
- (2) a professional audio/video recording device.
- 26. (New) The device of Claim 25, wherein said speed designation comprises a Speed Code symbol, and said at least one other node is compliant with the IEEE 1394b standard.
- 27. (New) The device of Claim 26, wherein said identification packet comprises a Self-ID packet.
- 28. (New) The device of Claim 24, wherein said hybrid bus comprises a first substantially asynchronous serialized protocol, and a second substantially isochronous serialized protocol.
- 29. (New) In a serial bus system having a plurality of nodes, a method for determining and communicating the existence of a hybrid bus, said hybrid bus supporting first and second serialized protocols, the method comprising:

determining whether at least one node of said plurality of nodes has a connection to a node operating under said first protocol and transmitting a first packet having identification information but without a speed designation if said at least one node has a connection to a node operating under said first protocol; otherwise

transmitting a second packet having identification information and a speed designation if there is no connection to a node operating under said first protocol;

wherein said presence, or lack thereof, of said speed designation in said first or second packet indicates to at least one other node the absence or presence, respectively, of said hybrid bus.

- 30. (New) The method of Claim 29, wherein said first and second packets comprise self-identification packets, and said speed designation comprises a data rate.
- 31. (New) The method of Claim 30, wherein said first protocol comprises the IEEE-1394a protocol, and said second protocol comprises the IEEE-1394b protocol.